

≡ SPYDER WHEELZ® ≡

*intelligent, electric vehicles*



USER MANUAL

# SPYDER WHEELZ E-CHOPPER

SPYDERWHEELZ.COM

# WELCOME TO > SPYDER WHEELZ

**Dear Spyder Wheelz e-chopper user,**

**Thank you for choosing a Spyder Wheelz e-chopper.**

We would like to warmly welcome you to the growing club of Spyder Wheelz e-chopper users. This user manual contains instructions on the use and care of your Spyder Wheelz e-chopper. For your safety, and that of other road users, and in order to be able to use your Spyder Wheelz to the full, we would like to advise you to read this user manual carefully before you get going. Proper maintenance, adherence to instructions on the care and mechanics of the moped which are set out in this user manual, and regular inspections by your Spyder Wheelz dealer are required for a safe trip and retention of this guarantee. We wish you comfortable and safe travel!

## **COLOPHON**

Spyder Wheelz E-Chopper user manual

Spyder Wheelz reserves the right to make changes to the design and/or prices without further notice. This user manual has been put together with due care. Spyder Wheelz cannot, however, be held liable for any inaccuracies of whatever nature.

*Ride with us!*

# > > IMPORTANT INFORMATION FOR USERS

## SYMBOLS AND DRAWINGS THAT YOU WILL FIND IN THIS USER MANUAL



**Important information and tips for users. Familiarise yourself with the content, as this will contribute to the efficient and smooth use of your e-chopper**

The battery of the Spyder Wheelz e-chopper is subject to recycling/utilisation according to the 2006/66/EC directive of the European Parliament and the Council of Europe of 6 September 2006 for batteries/accumulators and used batteries/accumulators, replacing Directive 91/157/EEC. Damaged, used and inoperative batteries should be returned to the designated KCA locations.

Because the Spyder Wheelz e-choppers scooters are authorised on public roads, you must follow the local traffic regulations.

Spyder Wheelz e-choppers are designed for use on paved roads. Spyder Wheelz is not responsible for unsuitable use of the e-chopper.

For correct and efficient use, Spyder Wheelz recommends reading the user manual carefully.

# > SAFETY INFORMATION

## BEFORE RIDING

### INSPECTION PRIOR TO EACH TRIP:

- ❗ The plug is out of the socket.
- ❗ The battery has been sufficiently charged.
- ❗ Lights and horn work properly.
- ❗ The mirror has been adjusted correctly.
- ❗ Tyres are at the right pressure and have sufficient tread depth.
- ❗ The brakes work properly (test when pushing).
- ❗ Steering angle to the left and right is sufficient and goes without resistance.

## RIDING SKILLS

- ❗ Ride cautiously and sensibly.
- ❗ Always keep two hands on the wheel.

# > CONDITIONS

- ❗ Driver must be in possession of a valid driving licence (Dutch AM level).
- ❗ In the event of damage, breach of contract or a collision, please contact the rental company immediately.
- ❗ The maximum number of kilometres to be driven (operational radius): 55 - 70 km.
- ❗ Maximum 1 person - maximum load: 120 kg including luggage.

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# > VEHICLE DESCRIPTION

- 1 BRAKES**  
EURO 4 standard road break on the brake levers.
- 2 TELEPHONE HOLDER**  
Telephone holder with USB charger
- 3 DISPLAY**
- 4 HEADLAMP**  
Halogen headlight with city/high beam option.
- 5 STEERING WHEEL LOCK**  
Cable lock optional
- 6 ALARM CLASS 3**  
Alarm class 3 on remote control.
- 7 WIDE TYRES**  
The wide tyres give the e-chopper its tough, robust look and also contribute to stable riding and good traction on the road surface.
- 8 FOOT SUPPORT**  
Foot support for passengers.
- 9 BATTERY**  
20 Ah batteries with an operational radius of 70 kilometres
- 10 POWER CHARGER (EXTERNAL)**  
5 Ah Smart Power Charger in an aluminium casing with a built-in cooler to prevent overheating and a unique trendy design duo seat.
- 11 SINGLE SEAT**  
This spacious single seat ensures you will be comfortable. If you'd like to take somebody with you, that's no problem, although we wouldn't recommend this for longer trips.



# > OPERATION INSTRUCTIONS



- ① Lighting (low/high beam).
- ② Direction indicators
- ③ Horn (green button)
- ④ Adjustable phone holder with red turning knob and USB charging port.
- ⑤ Gas lever
- ⑥ Cruise control (red button)
- ⑦ Ignition lock

## DISPLAY:

- ⑧ Speed
- ⑨ Battery status

### Important:

The 10 diagonal stripes indicate the battery status and your range. The voltage shown only indicates the power consumption. A full battery indicates 64-66V and the "tank symbol" on the display lights up at around 54V, which means that the battery is almost empty.

- ⑩ Mileage  
(note down starting position for maximum operational radius)



## READY TO RIDE

- ❶ Take your seat on the e-Chopper and turn the ignition key 1 click to the right; 2 clicks to the right turns the light on.
- ❷ Fold up the kickstand; the engine does not work when the kickstand is extended. Watch out: the electric motor makes no sound but the throttle is active.
- ❸ Gently twist the throttle to move off and to get used to steering with the wide tyres. Ride cautiously and responsibly. Always brake using both brake levers!



# > BATTERY INFORMATION

## BATTERY OPERATIONAL RADIUS

What is my e-chopper's operational radius? This varies from e-chopper to e-chopper! This is primarily to do with the driver's weight, the tyre pressure and driving and road conditions such as altitude differences, headwind and possibly a lot of stopping and fast acceleration. See technical specifications for more information.

## ACCU VEILIGHEIDSINSTRUCTIES

Only connect the charger supplied by Spyder Wheelz to your battery. Using any other type of charger may damage or destroy the battery pack. Keep the battery out of reach of children and pets. Exposed batteries and electrodes may lead to an accident. The battery cells contain chemicals. Opening the battery cassette is strictly prohibited.

## CHARGING THE BATTERY

- ❗ Use only an earthed socket.
- ❗ Disconnect the battery and remove it from the chopper.
- ❗ Connect the charger cable to the battery pack before you plug the charger into a wall socket.
- ❗ A red LED lights up during charging.
- ❗ A flashing red LED means that the battery is being brought out of sleep mode. Then the battery automatically switches to charging
- ❗ Once the battery is fully charged, a green LED lights up.
- ❗ A full charge of a flat battery takes around 3.5 hours.
- ❗ The battery should be charged whenever possible. This will ensure your battery lasts for longer.
- ❗ Avoid riding with a low battery voltage. This will have a negative impact on your battery's lifespan.
- ❗ There is no risk of over-charging.



Only use your charger on dry, well-ventilated surfaces. You must not cover the charger and battery or place them in a closed cabinet.



# > TECHNICAL SPECIFICATIONS

<b>Model:</b>	E-Chopper 2.3
<b>Engine:</b>	1200 watts/60 volts
<b>Lithium battery:</b>	20 AH/60 volts
<b>Operational radius:</b>	70 kilometres* For an average rider profile (85kg load)
<b>Weight:</b>	57 kilograms
<b>Brakes:</b>	Disc brakes front and rear
<b>Motorcycle:</b>	25 km/h
<b>Moped:</b>	45 km/h
<b>Charger:</b>	5 AH
<b>Charging time:</b>	max. 3.5 hours
<b>Tyre pressure:</b>	2.5 bar
<b>EC Type approval:</b>	e24*168/2013*00015*03

<b>Guarantee:</b>	B2C 2 years B2B 1 years
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## STANDARD ON THE E-CHOPPER

Alarm class 3, remote control, mirrors, indicators, double seat, phone holder with USB connection, immobiliser and wheel lock, halogen headlight with city and main beam and steering wheel lock.

# > WHO WE ARE?

## VEHICLE CARE

Please note the following instructions in order to properly care for your Spyder Wheelz e-chopper

- ❗ Make sure the e-chopper battery is removed from the vehicle before cleaning.
- ❗ Clean the e-chopper with a damp cloth and clean water on a regular basis.
- ❗ Do not use a scouring pad or other hard object to remove insects.
- ❗ Only clean plastic components using the equipment intended for that purpose.
- ❗ Do not use corrosion protection spray on the brake system, painted and plastic parts
- ❗ Vehicles parked outside should be protected with a breathable cover.  
Standard synthetic covers cause condensation of water beneath the cover.
- ❗ Avoid prolonged exposure to sun and cold weather conditions such as frost to prevent rapid ageing of the e-chopper

## MAINTENANCE

The maintenance of electric mopeds is much more limited than that of a fuel moped. This does not mean, however, that electric mopeds require less attention. Your Spyder Wheelz e-chopper must be inspected at least once per year and every 3000 km.

Only certified Spyder Wheelz representatives/dealers are qualified to give professional advice, maintenance or repair.



# > SERVICE TABLE

- ❗ If you wish to charge the battery, only use the battery charger supplied.
- ❗ Use the battery only for your e-chopper.
- ❗ Do not clean the e-chopper with a hard water jet or high-pressure spray.
- ❗ If used improperly, you may endanger yourself and others.
- ❗ Do not use any battery for the e-chopper other than the one supplied.
- ❗ Do not insert any objects into the charger and do not expose the charger, battery or electronics to water or other liquids, or excessive heat.

## COMPANY DETAILS:



HQ - Tjalk 23  
2411 NZ Bodegraven  
The Netherlands



+31(0)85 022 08 50



spyderwheelz.com



info@spyderwheelz.com






# ***CONTACT US!***

 +31(0)85 022 08 50


 [info@spyderwheelz.com](mailto:info@spyderwheelz.com)


 [spyderwheelz.com](http://spyderwheelz.com)

 HQ - Tjalk 23

2411 NZ Bodegraven

The Netherlands

 @SpyderWheelz

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